

EXHAUST HEAT EXCHANGER

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ABSTRACT OF THE DISCLOSURE

10 A profile of the casing 20 is formed into a circular
pipe shape, and the two gas coolers 10a, 10b are
integrated into one body so that the longitudinal
directions of the respective gas coolers can be
substantially parallel with each other. Due to the above
structure, it is possible to make the coolant flow
smoothly in the casing 20 and stagnation of the coolant
15 seldom occurs. Accordingly, as boiling of the coolant
can be suppressed, it is possible to prevent the heat
transfer coefficient from being remarkably deteriorated.
Further, it is possible to suppress the generation of
cracks, in the tubes 11, which are caused by heat stress.